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ARS Agricultural  
Research  
Service

NAL National  
Agricultural  
Library

Animal Welfare  
Information  
Center

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*Directory of Resources  
on  
Alternatives and Animal Use  
in  
the Life Sciences  
1998*

AWIC Resources Series No. 1  
2nd, revised edition

August 1998



*Directory of Resources  
on  
Alternatives and Animal Use  
in  
the Life Sciences*

1998

by

**Jean A. Larson, M.A., Ruth Criscio and D'Anna J. B. Jensen**

Animal Welfare Information Center

United States Department of Agriculture

Agricultural Research Service

National Agricultural Library

10301 Baltimore Avenue

Beltsville, MD 20705-2351

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## **ACKNOWLEDGMENTS**

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## **COMMENTS AND SUGGESTIONS ARE WELCOME**

Comments, questions, and suggestions are welcome. We would also appreciate information on organizations not yet profiled in this document. (The questionnaire used to produce the first and second edition is found at the end of the document).



# INTRODUCTION

## Background

This is the 2nd edition of the Directory of Resources on Alternatives and Animal Use in the Life Sciences. It continues the project that was first conceived during a volunteer meeting of about 40 interested persons who were attending the 1st World Congress on Alternatives and Animal Use in the Life Sciences: Education, Research, and Testing Conference held in Baltimore, Maryland, November 14-19, 1993.

Since 1995, the first edition has been widely distributed to all parts of the world. As with most directories, the information has become outdated. Because of the continued interest in the publication, the Animal Welfare Information Center (AWIC) has decided to publish this 2nd edition. The reader will find more entries in this edition. But it is not a comprehensive resource. With the expansion of the world wide web, large volumes of information is being made available daily. Therefore, this edition will be the last printed version of this document. It will be placed on the AWIC website (<http://www.nal.usda.gov>) with linkages to the web addresses that have been provided. Then it will become a more dynamic document that will be updated as needed.

## Content and Arrangement

The directory is composed of information regarding: newsletters, databases, publications, audio-visuals, computer models and websites. Within those broad categories, the organizations producing resources are listed alphabetically.

The quantity and quality of information varies since it is based on information voluntarily provided. Generally, each entry consists of the following: sponsor's name, address, telephone/fax, E-mail address, web address, descriptive information, costs, availability, audience, language, and a contact person. There is often a note for information considered important but which doesn't fit neatly into the above.

## Final Note

Since the authors are well aware that this second edition is by no means complete, we hope that as a reader you will function as a resource and provide additional information or resources for inclusion in the electronic version. If you have comments or recommendations regarding this document, please contact:

Jean A. Larson, Coordinator, Animal Welfare Information Center  
National Agricultural Library, 5th Floor, 10301 Baltimore Blvd.  
Beltsville, MD 20705 (Tel: 301-504-6212)  
E-mail: [jl Larson@nal.usda.gov](mailto:jl Larson@nal.usda.gov) or [awic@nal.usda.gov](mailto:awic@nal.usda.gov)



**SPONSOR:** **ADVOCATES FOR ANIMALS**

**ADDRESS:** 10 Queensferry Street  
Edinburgh EH2 4PG, Scotland, UK

**TELEPHONE:** 0131-225-6039 **FAX:** 0131-220-6377

**TITLE:** ***ADVOCATES FOR ANIMALS NEWSLETTER***

**EDITOR:** Advocates for Animals

**FREQUENCY:** 2 issues per year

**DESCRIPTION:** It is printed on 8 1/4" by 11" ½ paper and contains photographs and graphics.

**LANGUAGE:** English

**AVAILABILITY:** Available from the organization.

**AUDIENCE:** Those interested in animal welfare issues and "against all animal abuse."

**CONTENTS:** News updates on the organization's campaigns and general animal protection news.

**CONTACT:** Margaret Foster, Office Administrator

# Newsletters

- SPONSOR:** ALTERNATIVES RESEARCH & DEVELOPMENT FOUNDATION (ARDF)
- ADDRESS:** John McArdle, Ph.D., Director  
14280 Golf View Drive  
Eden Prairie, MN 55346-3000, USA
- TELEPHONE:** 612-949-2409 **FAX:** 612-949-2619
- E-MAIL:** jmcphd@aol.com
- TITLE:** *ALTERNATIVES TODAY*
- EDITOR:** J. McArdle and Colleen Lund
- PUB. DATA:** Published four times per year (January, April, July, October)
- DESCRIPTION:** 8 to 12 page newsletter, 8 ½" by 11"
- LANGUAGE:** English
- AVAILABILITY:** Distributed free to target audience/others on request.
- AUDIENCE:** Members of Animal Care and Use Committees (IACUCs), researchers, members of Congress, science/medical writers and interested individuals
- CONTENTS:** Each issue includes original research articles, reprints, reviews, news items, editorials, commentaries, legislative information and alternatives-related resources to meetings.
- NOTE:** Have a grants program supporting alternatives in basic research, education and testing. Also have an annual \$5,000 award for individuals promoting the acceptance to the use of alternatives.

- SPONSOR:** ANIMAL WELFARE INFORMATION CENTER (AWIC), NATIONAL AGRICULTURAL LIBRARY (NAL), AGRICULTURAL RESEARCH SERVICE (ARS), U.S. DEPARTMENT OF AGRICULTURE (USDA)
- ADDRESS:** National Agricultural Library, 5th Floor  
10301 Baltimore Ave.  
Beltsville, MD 20705-2351, USA
- TELEPHONE:** 301-504-6212 **FAX:** 301-504-7125
- E-MAIL:** [awic@nal.usda.gov](mailto:awic@nal.usda.gov)
- WEBSITE:** <http://www.nal.usda.gov/awic>
- TITLE:** *ANIMAL WELFARE INFORMATION CENTER NEWSLETTER*
- EDITOR:** Tim Allen
- PUB. DATA:** Published quarterly (Spring, Summer, Fall, Winter). First published in 1990. ISSN:1050-561X.
- DESCRIPTION:** Printed on 8 ½" by 11" paper. Includes text, graphics, and photographs. Currently 18-24 pages.
- LANGUAGE:** English
- AVAILABILITY:** Distributed free of charge to any requestor. Previous issues are available as photocopies or from the AWIC website.
- AUDIENCE:** The publication is mainly of interest to researchers, veterinarians, regulators, scientists and others interested in or involved with the use of animals in research, testing and teaching. Some articles may be of use to the zoo community.
- CONTENTS:** Most issues have two or three articles on one topic e.g., welfare issues of a particular species, environmental enrichment, animal models, and alternatives. Special features include animal-related bills introduced into U.S. Congress, new AWIC publications, meeting announcements, and funding opportunities.

# Newsletters

<b>SPONSOR:</b>	<b>AUSTRALIAN AND NEW ZEALAND COUNCIL FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING, LIMITED (ANZCCART)</b>	
<b>ADDRESS:</b>	P.O. Box 19 Glen Osmond SA Australia 5064	P.O. Box 598 Wellington New Zealand
<b>TELEPHONE:</b>	+ 06-33-83-522	
<b>WEBSITE:</b>	<a href="http://www.adelaide.edu.au/ANZCCART/">http://www.adelaide.edu.au/ANZCCART/</a>	
<b>EDITOR:</b>	R.M. Baker	
<b>TITLE:</b>	<b><i>ANZCCART NEWS</i></b>	
<b>FREQUENCY:</b>	Quarterly (March, June, September, December)	
<b>DESCRIPTION:</b>	In A4 format. Includes text, graphics, and photographs. 12 pages with a 4 or 8 page special, topical fact sheet as an insert.	
<b>LANGUAGE:</b>	English	
<b>AVAILABILITY:</b>	Free to subscribers	
<b>CONTENTS:</b>	Articles address a variety of topics including adjuvants, alternatives, animal care/ethics committees, animal housing, veterinary care, alleviation of pain and stress, and training for animals users.	
<b>NOTE:</b>	The newsletter is under copyright, but reproduction is permitted providing acknowledgment is given to ANZCCART. The text of each issue from December 1996, is available at: <a href="mailto:ANZCCART@waite.adelaide.edu.au">ANZCCART@waite.adelaide.edu.au</a>	



**SPONSOR:** CANADIAN COUNCIL ON ANIMAL CARE (CCAC)

**ADDRESS:** 315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1

**TELEPHONE:** 613-238-4031 **FAX:** 613-238-2837

**E-MAIL:** lroach@bart.ccac.ca

**WEBSITE:** <http://www.ccac.ca>

**TITLE:** *RESOURCE*

**EDITORS:** Dr. Gilly Griffin, Ms. Marie Bédard

**PUB. DATA:** Bi-yearly publication (Fall/Winter, Spring/Summer)

**DESCRIPTION:** 6-12 page newsletter

**LANGUAGE:** English & French

**AVAILABILITY:** Free from the Canadian Council on Animal Care (CCAC)

**AUDIENCE:** Those interested in animal care.

**CONTENTS:** Events which occur within CCAC and articles of interest to the scientific community, book reviews, and pull outs on current issues.

**CONTACT:** Dr. Gilly Griffin, Information officer  
Publications  
Canadian Council on Animal Care  
315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1

<b>SPONSOR:</b>	<b>EURONICHE</b>
<b>ADDRESS:</b>	C/O Nick Jukes 11 Beckingham Road Leicester LE2 1HB, England, UK
<b>TELEPHONE/FAX:</b>	+ 44 116 255 3223
<b>E-MAIL:</b>	lynx@gn.apc.org
<b>WEBSITE:</b>	<a href="http://www.euroniche.internetworking.de/">http://www.euroniche.internetworking.de/</a>
<b>TITLE:</b>	<b><i>EURONICHE NEWSLETTER</i></b>
<b>EDITOR:</b>	Nick Jukes
<b>FREQUENCY:</b>	Twice yearly. (Issues are still available for 12/88, 9/89, 9/90, 4/91, 7/93.) Next issue due spring 1999.
<b>DESCRIPTION:</b>	None provided
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	From either N. Jukes as above or Tannetje Konig at Havikskruid 11, 3892 AA Zeewolde, The Netherlands. Tel: 31-32-41-68-30., Fax: 31-32-42-49-94.
<b>AUDIENCE:</b>	Students and other interested persons.
<b>CONTENTS:</b>	The newsletter contains information on alternatives, animal care/ethics committees, organizations, reference data and the animal use situations in different countries.



<b>SPONSOR:</b>	<b>EUROPEAN HEPATOCYTE USERS GROUP (HUG)</b>
<b>ADDRESS:</b>	Attn: Dr. Paul Skett Institute of Biomedical and Life Sciences West Medical Building University of Glasgow Glasgow G12 8QQ, Scotland, UK
<b>E-MAIL:</b>	P.Skett@bio.gla.ac.uk
<b>WEBSITE:</b>	<a href="http://www.ibls.gla.ac.uk">http://www.ibls.gla.ac.uk</a>
<b>TITLE:</b>	<b><i>HUG NEWSLETTER</i></b>
<b>PUB. DATA :</b>	February
<b>FREQUENCY:</b>	Once a year
<b>DESCRIPTION:</b>	None provided
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Freely available
<b>AUDIENCE:</b>	All users of hepatocytes and liver-derived cells.
<b>CONTENTS:</b>	Reports, abstracts, book reviews and meeting announcements.
<b>NOTE:</b>	The group would be willing to publish the newsletter on list serves, Internet or on other networks.

<b>SPONSOR:</b>	<b>FUND FOR THE REPLACEMENT OF ANIMALS IN MEDICAL EXPERIMENTS (FRAME)</b>
<b>ADDRESS:</b>	Russell & Burch House 96-98 North Sherwood Street Nottingham, NG1 4EE, UK
<b>TELEPHONE:</b>	+44-115 958 4740 <b>FAX:</b> +44-115 950 3570
<b>WEBSITE:</b>	<a href="http://www.frame-uk.demon.co.uk/">http://www.frame-uk.demon.co.uk/</a>
<b>TITLE:</b>	<b><i>FRAME NEWS</i></b>
<b>EDITOR:</b>	Lynda Warrington
<b>FREQUENCY:</b>	3 Issues per year
<b>DESCRIPTION:</b>	A4 format
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Distributed free of charge to libraries, MPs, the press, and schools. Others may subscribe at £15/US\$30 per year. Airmail is £6/\$12 extra in all cases.
<b>AUDIENCE:</b>	The general public, academic and industrial scientists, animal welfare groups, and students.
<b>CONTENTS:</b>	General information on the use of animals in science, alternative methods and their development, legislation and regulations, the work of FRAME.
<b>CONTACT:</b>	Lynda Warrington

<b>SPONSOR:</b>	<b>HADWEN TRUST FOR HUMANE RESEARCH</b>
<b>ADDRESS:</b>	22 Bancroft Hitchin, Hertfordshire, SG5 1JW, England, UK
<b>TELEPHONE/FAX</b>	+01 4 62 43 68 19
<b>TITLE:</b>	<b><i>ALTERNATIVE NEWS</i></b>
<b>EDITOR:</b>	Dr. Gill Langley
<b>FREQUENCY:</b>	Quarterly (Jan., April, July, Oct.)
<b>DESCRIPTION:</b>	6 p., A4 format
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	To members of the Trust. (Annual dues UK £8.00, overseas £10.00, life membership £100.00.)
<b>AUDIENCE:</b>	Members, non-scientific lay persons, general public.
<b>CONTENTS:</b>	Updates of research funded by the Trust. The research projects are for the development of alternatives to animal experiments in a wide range of medical fields e.g., cancer, AIDS, heart diseases. It also contains general news about the development of alternatives.
<b>CONTACTS:</b>	Carol Newman, Scientific Assistant Dr. Gill Langley, Scientific Advisor

# Newsletters

<b>SPONSOR:</b>	<b>INSTITUTE FOR LABORATORY ANIMAL RESEARCH (ILAR)</b>
<b>ADDRESS:</b>	National Research Council National Academy of Sciences 2101 Constitution Ave., NW Washington, DC 20418, USA
<b>TELEPHONE:</b>	202-334-2590 <b>FAX:</b> 202-334-1687
<b>E-MAIL:</b>	ilarj@nas.edu
<b>WEBSITE:</b>	<a href="http://www2.nas.edu/ilarhome">http://www2.nas.edu/ilarhome</a>
<b>TITLE:</b>	<b>ILAR JOURNAL</b> (formerly <i>ILAR News</i> )
<b>MANAGING EDITOR:</b>	Susan Vaupel, E.L.S.; phone: 202-334-2592 or e-mail: svaupel@nas.edu
<b>PUB. DATA:</b>	The newsletter is published quarterly. ISSN: 0018-9960. The latest issue is Volume 39, no. 2, <i>Animal Well-being: Immune Function, Behavior, Morphology and Psychoneuroimmunology</i> .
<b>DESCRIPTION:</b>	It is printed on 8 ½" by 11" paper and contains photographs and graphics. Number of pages varies.
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Circulated to ILAR Associates (\$50/yr individual; \$20/yr student; \$500/yr institutional; \$1,000/yr supporting institutional).
<b>AUDIENCE:</b>	Laboratory animal veterinarians, investigators, institutional administrators, members of institutional animal care and use committees, and all those who use, care for, or regulate the use of laboratory animals.
<b>CONTENTS:</b>	Each issue contains peer reviewed articles on topics relevant to those who use animals in biomedical research, current news items, upcoming meetings, new books, and ILAR publications currently available.

- SPONSOR:** THE JOHNS HOPKINS CENTER FOR ALTERNATIVES TO ANIMAL TESTING (CAAT)
- ADDRESS:** Johns Hopkins School of Public Health  
111 Market Place, Suite 840  
Baltimore, MD 21202-6709, USA
- TELEPHONE:** 410-223-1693
- E-MAIL:** CAAT@CAAT.sph.jhu.edu
- WEBSITE:** <http://www.sph.jhu.edu/~altweb>
- TITLE:** *THE JOHNS HOPKINS CENTER FOR ALTERNATIVES TO ANIMAL TESTING*
- EDITOR:** Lisa Lebowitz
- FREQUENCY:** Quarterly
- LANGUAGE:** English
- AVAILABILITY:** The *CAAT Newsletter* is available on-line at the alt web site.
- AUDIENCE:** Scientists, animal welfarists, regulatory authorities and the public.
- CONTENTS:** Information on the 3Rs and alternative methodologies, information resources, grants programs, and international news items.
- NOTE:** The newsletter has been published for 15 years. Back issues are available. The Center is willing to distribute the newsletter via list services and other networks.

# Newsletters

<b>SPONSOR:</b>	<b>LIGUE FRANÇAISE CONTRE LA VIVISECTION (LFCV)</b>
<b>ADDRESS:</b>	84 Rue Blanche 75009 Paris, France
<b>TELEPHONE:</b>	+ 33 1 45 26 37 57
<b>TITLE:</b>	<b><i>LA LETTRE DE PRO ANIMA</i></b>
<b>EDITOR:</b>	Jean-François Béquain
<b>FREQUENCY:</b>	Three times a year
<b>LANGUAGE:</b>	French
<b>AVAILABILITY:</b>	By subscription. Contact Pro Anima, 16 Rue Vézelay, 75008 Paris, France. Send a self addressed stamped envelope for information.
<b>AUDIENCE:</b>	LFCV targets political bodies and informs the public and consumers electors.
<b>CONTENTS:</b>	The newsletter contains information on alternatives methods to live animal experimentation.



- SPONSOR:** SCIENTISTS CENTER FOR ANIMAL WELFARE (SCAW)
- ADDRESS:** Golden Triangle Building One  
7833 Walker Drive, Suite 340  
Greenbelt, MD 20770, USA
- TELEPHONE:** 301-345-3500 **FAX:** 301-345-3503
- E-MAIL:** [scaw@erols.com](mailto:scaw@erols.com)
- WEBSITE:** <http://www.erols.com/scaw/>
- TITLE:** *SCAW NEWSLETTER*
- EDITOR:** Lee Krulisch
- PUB. DATA:** Published quarterly. First published in 1979. ISSN: 1052-7559.
- DESCRIPTION:** In an 8 ½" by 11" format. Typical issues are 12 to 16 pages in length and include photographs and other graphics.
- LANGUAGE:** English
- AVAILABILITY:** Available to members of SCAW. There are two levels of institutional membership--Level A for large institutions is \$1,000. Level B is for small institutions and is \$500. For additional information, contact the Center.
- AUDIENCE:** Researchers, members of animal care and use committees, administrators, veterinarians, and others interested in the welfare of animals used in research, testing, and education.
- CONTENTS:** Topics vary and include special feature articles on issues important to animal users, meeting reports, upcoming meetings, book reviews, reports on SCAW activities, etc.
- CONTACT:** Lee Krulisch, Executive Director

<b>SPONSOR:</b>	<b>TUFTS CENTER FOR ANIMALS AND PUBLIC POLICY</b>	
<b>ADDRESS:</b>	200 Westboro Rd. N. Grafton, MA 01536, USA	
<b>TELEPHONE:</b>	508-839-7991	<b>FAX:</b> 508-839-2953
<b>E-MAIL:</b>	dpease@opal.tufts.edu	
<b>TITLE:</b>	<b><i>THE ALTERNATIVES REPORT</i></b>	
<b>FREQUENCY:</b>	Bimonthly	
<b>DESCRIPTION:</b>	6-8 pages, A4 format, regular 8 ½" x 11"	
<b>LANGUAGE:</b>	English	
<b>AVAILABILITY:</b>	By subscription only. (\$48 annual in the U.S.; \$65 for Canada and abroad.)	
<b>AUDIENCE:</b>	Regulators, toxicologists, veterinarians, scientists, persons with professional knowledge of the field.	
<b>CONTENTS:</b>	Covers technical and policy aspects of alternatives topics with a concentration in pharmacology and toxicology.	
<b>CONTACT:</b>	Donna Pease, Administrator	



- SPONSOR:** AKADEMIE FUR TIERSCHUTZ (ACADEMY FOR ANIMAL PROTECTION) - EINRICHTUNG DES DEUTSCHEN TIERSCHUTZBUNDES e.V. ZUR FORSCHUNG UND LEHRE
- ADDRESS:** Attn: Roman Kolar  
Spechtstr. 1  
D-85579 Neubiberg, Germany
- TELEPHONE:** + 49-89-60-30-08 **FAX:** + 49-89-6-01-70-78
- E-MAIL:** Akademie.fuer.tierschutz@muenchen.org
- TITLE:** *DATABASE ON ALTERNATIVES TO ANIMAL EXPERIMENTS OF THE DEUTSCHER TIERSCHUTZBUND e.V. (GERMAN ANIMAL WELFARE ASSOCIATION)*
- EDITORS:** Brigitte Rusche, Ursula G. Sauer, Irmela Ruhdel, Roman Kolar
- PUB. DATA:** The database was begun in 1986. It is constantly being updated and revised.
- EDITION:** April 1997
- DESCRIPTION:** The database contains reviewed articles and methods with over 15,000 entries. It is contained on computer discs. There are bi-annual updates. A users' manual is available.
- REQUIREMENTS:** The database is written in LIDOS, which is IBM compatible software. ASCII export files are available.
- LANGUAGE:** German. Bilingual thesaurus in German and English.
- AVAILABILITY:** Staff conducts literature searches free of charge. Internet-access through the PREX, database system (see page 29). The entire database can be purchased.
- AUDIENCE:** Scientists, students, animal welfarists, regulatory authorities, and the public.
- CONTENTS:** Included in the database are citations to books and journal

literature as well as conference reports and unpublished material such as university course programs on the alternative concepts of replacement, refinement, and reductions in the numbers of animals used in research. Audiovisuals for teaching purposes are also included. Keywords are assigned to each entry for ease of searching. The disciplines include, but are not limited to, toxicology, medicine, pharmacodynamics, veterinary medicine, etc.

## REFERENCE:

1. Rusche, B., U. Sauer. (1994) "Reviewed Literature databank for Alternatives to Animal Experiments--Gelbe Liste." *Alternatives to Animal Testing. New Ways in the Biomedical Sciences. Trends and Progress*. C.A. Reinhardt (ed.). VCH Weinheim. p. 85-88.
2. Kolar, R. and Rusche, B. (1996) "The database of the Deutscher Tierschutzbund e.V. for alternatives to animal experiments." *ATLA* 24, Special Issue, 20-24 October 1996, p.336.

## NOTE:

Print-outs of the database dealing with specific topics such as mutagenicity, toxicity testing, education, etc. are published in hard copy as the "Gelbe Liste" ("Yellow Lists").

**SPONSOR:** ASSOCIATION OF VETERINARIANS FOR ANIMAL RIGHTS

**ADDRESS:** Nedim Buyukmihci, VMD  
Association of Veterinarians for Animal Rights  
P.O. Box 208  
Davis, CA 95617-0208, USA

**TELEPHONE:** 530-759-8106 **FAX:** 530-759-8116

**E-MAIL:** AVAR@igc.apc.org

**WEBSITE:** [http://host.envirolink.org/avar/alted\\_db.htm](http://host.envirolink.org/avar/alted_db.htm)

**TITLE:** *ALTERNATIVES IN EDUCATION (ALT-ED) DATABASE*

**PUB. DATA:** The current version is August 28, 1996

**DESCRIPTION:** The database runs on an IBM type computer. The current version runs on DOS 3.0 or higher or Windows and includes the managing software.

**LANGUAGE:** English

**AVAILABILITY:** The database is a stand-alone program which requires Windows[tm] 3.x or Windows[r] 95 as the operating system. It costs \$5.00 and is distributed on high density 3.5 inch floppy diskettes. If you require low density diskettes, please state this when ordering.

**AUDIENCE:** Mostly educators

**CONTENTS:** The database contains citations of books, journal articles, computer programs, clinical programs, and information about other resources actively used in life sciences education. Coverage is from elementary school level through specialty residencies in human and veterinary medicine.

**NOTE:** The database was published in an earlier print version as *Veterinary Medical Education: Alternatives to Harmful use of Nonhuman Animals*. This version is still available from the same address.

<b>SPONSOR:</b>	<b>EUROPEAN HEPATOCYTE USERS GROUP (HUG)</b>
<b>ADDRESS:</b>	Attn: Dr. Paul Skett Institute of Biomedical and Life Sciences West Medical Building University of Glasgow Glasgow G12 8QQ, Scotland, UK
<b>E-MAIL:</b>	p.skett@bio.gla.ac.uk
<b>WEBSITE:</b>	<a href="http://www.ibls.gla.ac.uk">http://www.ibls.gla.ac.uk</a>
<b>TITLE:</b>	<b><i>A DATABASE OF THE HEPATOCYTE USER GROUPS COMMITTEE</i></b>
<b>PUB. DATA:</b>	March 1996 - (update)
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Confidential to the HUG Committee members, but extracts will be provided on request.
<b>AUDIENCE:</b>	Anyone interested in using hepatocytes or liver-derived cells.
<b>CONTENTS:</b>	Experts and methodologies
<b>NOTE:</b>	Due to legal restriction under the UK's Data Protection Act, the database cannot be put up on electronic networks.

- SPONSOR:** FUND FOR THE REPLACEMENT OF ANIMALS IN MEDICAL EXPERIMENTS (FRAME)
- ADDRESS:** European Centre for the Validation of Alternative Methods (ECVAM)  
Environment Institute  
JRC  
P.O. Box TP 580  
1-21020 Ispra, Italy
- TELEPHONE:** + 39 03 32 78 59 96 **FAX:** + 39 03 32 78 53 36
- E-MAIL:** frame@frame-uk.demon.co.uk (at FRAME)  
michael.balls@jrc.it (at ECVAM)
- WEBSITE:** <http://www.frame-uk.demon.co.uk>  
ECVAM website located at: <http://www.jrc.it/ei/ecvam>
- TITLE:** *INVITTOX*
- PUB. DATA:** Irregular
- DESCRIPTION:** Available as both a computer database and in paper copy of methodological description of *in vitro* methods and test systems.
- LANGUAGE:** English
- AVAILABILITY:** Free services to anyone.
- AUDIENCE:** Scientists looking for alternatives in toxicology.
- CONTENTS:** A data bank which provides state-of-the-art technical information on the use of alternative methods in toxicology and toxicity testing. Also includes names and addresses of scientists registered to use INVITTOX, which may be released if the scientist has granted permission.
- NOTE:** The database is also sponsored by the European Research Group for Alternatives in Toxicity Testing (ERGATT). INVITTOX is currently in the process of being transferred to

ECVAM, where it will form part of the Scientific Information Service. INVITTOX protocols should be available for downloading from the Web in 1998. Until then, they are available from FRAME.



- SPONSOR:** ISTITUTO NAZIONALE PER LA RICERCA SUL CANCRO (IST) [NATIONAL INSTITUTE FOR CANCER RESEARCH--ADVANCED BIOTECHNOLOGY CENTER]
- ADDRESS:** Ing. Paolo Romano  
Viale Benedetto XV, n. 10  
16132 Genoa, Italy
- TELEPHONE:** + 28 63 53      **FAX:** + 35 29 99
- TITLE:** *CELL LINE DATA BASE*
- PUB. DATE:** 1993
- DESCRIPTION:** An on-line database that is indexed with WAIS. Documentation is available with the on-line version.
- LANGUAGE:** English
- AVAILABILITY:** Searchable by Gopher at "gopher.ist.unige.it." Limited data is also available by anonymous FTP at the same site.
- AUDIENCE:** Public and private researchers in biomedical research fields.
- CONTENTS:** Detailed description of human and animal cell lines available in many European culture collections and research laboratories. Searchable by keywords.
- REFERENCES:** *Bynary*. Vol. 5, p. 66-72 (1993).  
*Chimica Oggi*. vol. 8, p. 23 (1990).
- NOTE:** The database is the electronic version of the Human and Animal Cell Lines Catalogue 1993. (Listed elsewhere in the Directory.)

- SPONSOR:** ISTITUTO NAZIONALE PER LA RICERCA SUL CANCRO (IST)  
[NATIONAL INSTITUTE FOR CANCER RESEARCH--  
ADVANCED BIOTECHNOLOGY CENTER]
- ADDRESS:** Assunta Manniello  
Largo R. Benzi, 10,16132, Genova, Italy
- TELEPHONE:** + 39 10 573 7289      **FAX:** + 39 10 573 7295
- E-MAIL:** mam@ist.unige.it
- WEBSITE:** <http://www.biotech.ist.unige.it>
- TITLE:** *CELL LINE DATA BASE - HyperCLDB*
- PUB. DATA:** March 1997
- DESCRIPTION:** An on-line database freely searchable by means of WAIS,  
Gopher or WWW clients, Gopher at "gopher.ist.unige.it".
- LANGUAGE:** English
- AVAILABILITY:** Searchable by WWW at "http://www.biotech.ist.unige.it"  
Searchable by Gopher at "gopher.ist.unige.it"  
Limited data also available by anonymous FTP at the previous  
site.
- AUDIENCE:** Public and private researchers in biomedical research fields.
- CONTENTS:** Detailed information on human and animal cell lines available in  
many European Research Laboratories and Cell Banks. In  
HyperCLDB (the hyper textual version of the Cell Line Data  
Base) the keywords searches, Hyper search, is possible.
- REFERENCES:** Journal of Experimental and Clinical Cancer Research, Vol. 14,  
No. 1, p. 6-7, 1995.  
Biotech Knowledge Sources, Vol. 9, No. 5, 1996.



- SPONSOR:** ISTITUTO NAZIONALE PER LA RICERCA SUL CANCRO (IST)  
[NATIONAL INSTITUTE FOR CANCER RESEARCH--  
ADVANCED BIOTECHNOLOGY CENTER]
- ADDRESS:** Dr. Gabriella Rondanina  
Largo Rosanna Benzi, 10  
16132 Genova, Italy
- TELEPHONE:** + 28 63 53      **FAX:** + 35 29 99
- E-MAIL:** gabri@ist.unige.it
- TITLE:** *CELL LINE DATA BASE ELECTRONIC CATALOGUE 1995*
- PUB. DATA:** January 1995
- DESCRIPTION:** MS-DOS floppy diskette including data extracted from Cell Line Data Base (CLDB) and software for carrying out searches. IBM compatible, CPU 386, RAM 3Mb, at least 8MB, HD.
- LANGUAGE:** English
- AVAILABILITY:** Order form to Biotechnology Dept., Advanced Biotechnology Center, Largo R. Benzi, 10 16132 Genova, Italy  
Tel: + 39 10 573 7282. Fax: + 39 10 573 7295.
- AUDIENCE:** Public and private researchers in biomedical research fields.
- CONTENTS:** Detailed description on human and animal cell lines available in many European culture collections and research laboratories. Synthetic description of culture collections. Searchable by keywords. The new release includes the printing function.
- REFERENCES:** Cytotechnology. Vol. 11, Suppl 1, p. 130-133 (1993).
- NOTE:** The database is the electronic version of the Human and Animal Cell Lines Catalogue 1993. (Listed elsewhere in the Directory.)

- SPONSOR:** LABORATORY OF GENETIC TOXICOLOGY,  
THE UNIVERSITY OF PISA
- ADDRESS:** Dr. N. Loprieno  
Genetic Toxicology Laboratory  
University of Pisa  
via San Giuseppe 12  
I-56126 Pisa, Italy
- TELEPHONE:** + 39 50 55 5685 **FAX:** + 39 50 55 5687
- E-MAIL:** galileo@vm.cnuce.cnr.it
- TITLE:** ***GALILEO DATA BANK ON TOXICITY TESTING WITH INVITRO  
ALTERNATIVE METHODS***
- PUB. DATA:** No date provided
- DESCRIPTION:** Exists as an interrelated, archives databank of information (as of Oct. 1993) on 1,650 identified chemicals, 50 methods for evaluation of toxic effects on *in vivo* cell populations, 90 biosystems of different origins and histological natures, and 100 toxic endpoints. The software permits various listings--toxic level of chemicals, methods used for testing a chemical, chemicals by biosystem effect, qualitative and quantitative data according to assay methods, and comparative values between *in vivo* and *in vitro* results.
- AVAILABILITY:** Contact G. Loprieno
- AUDIENCE:** Scientists, researchers, industry, and regulators.
- CONTENTS:** The databank focuses on toxicity testing. Information relates to cell toxicity, mutagenicity, genotoxicity, clastogenicity, cell transformation, animal carcinogenicity, photo mutagenicity and photogenotoxicity, electrical conductance, neurotoxicity and QSAR.
- REFERENCES:** 1. Loprieno, N., G. Boncristiani, E. Bosco, G. Loprieno, and M.

Nieri. *Galileo Data Bank Progress on Alternatives to Animal Testing: Results of First Year Activity (13,874 tests)*.  
Published by the Laboratory. 1993. 42p.

2. Loprieno, N., G. Boncristiani, G. Loprieno, and M. Tesoro.  
"Data Selection and Treatment of Chemical Tested for  
Genotoxicity and Carcinogenicity." *Environmental Health  
Perspectives*. v. 96; p. 121-126 (1991).

3. Loprieno, N, G. Boncristiani, E. Bosco, M. Nieri, and G.  
Loprieno. "The Galileo Data Bank on Toxicity Testing with *in  
vivo* Alternative Methods. I. General Structure." *ATLA* 22(1)  
p. 20-30. (1994).

4. Loprieno, N, G. Boncristiani, E. Bosco, and M. Loprieno.  
"The Galileo Data Bank on Toxicity Testing with *in vivo*  
Alternative Methods. II. Toxicology Profiles of 20 Chemicals."  
*ATLA* 22(2) p. 82-114 (1994).

**CONTACT:**

Dr. Gregorio Loprieno, Technical Services, via Vecchia  
Lucchese no. 59, I-56123 Pisa, Italy

**SPONSOR:** NATIONAL INSTITUTE OF TOXICOLOGY (Spain)

**ADDRESS:** P.O. Box 863  
41080 Seville, Spain

**TELEPHONE:** + 34 (9) 5 437 12 33      **FAX:** + 34 (9) 5 437 02

**E-MAIL:** repetto@cica.es

**WEBSITE:** <http://tox.umh.es/aet/gtema/>

**TITLE:** ***GTEMA: SPANISH GROUP ON ALTERNATIVE METHODS  
(GRUPO DE TRABAJOS ESPECIALIZADO EN MÉTODOS  
ALTERNATIVOS)***

**PUB. DATA:** Not provided

**LANGUAGE:** Spanish and English

**CONTENT:** The main objective of the group is to stimulate the cooperation and coordination of the scientific activities of its members to contribute to the development of new experimental methods, in vivo and in vitro, so as to reduce the number of animals used, refine techniques in order to reduce animal suffering, or replace the use of animals altogether (the three R's). Another aim is to stimulate the participation of Spanish research groups in methods prevalidation and validation programmes and to promote the regulatory acceptance of alternative methods, particularly in vitro toxicity methods.

**CONTACT:** Guillermo Repetto, MD, PhD

**SPONSOR:** NORWEGIAN COLLEGE OF VETERINARY MEDICINE

**ADDRESS:** P.O. Box 8146 DEP  
N-0033 Oslo, Norway

**TELEPHONE:** + 22-96-45-74      **FAX:** + 22-96-45-35

**WEBSITE:** <http://oslovet.veths.no>

**TITLE:** *INFORMATION ON ALTERNATIVES DATABASES*

**EDITORS:** Adrian Smith, Hans Kuiper, Margot Van Der Kamp

**PUB. DATA:** 1997. Monthly revisions

**DESCRIPTION:** World Wide Web site

**REQUIREMENTS:** World Wide Web

**LANGUAGE:** English

**AUDIENCE:** Scientists and others in the 3Rs of laboratory animal science.

**CONTENTS:** Information on internationally available databases on all aspects of the 3Rs of laboratory animal science.

**CONTACT:** Adrian Smith at the above address



<b>SPONSOR:</b>	<b>NORWEGIAN COLLEGE OF VETERINARY MEDICINE</b>	
<b>ADDRESS:</b>	P.O. Box 8146 Dept. N-0033 Oslo, NORWAY	
<b>TELEPHONE:</b>	+ 47 22 96 45 74	<b>FAX:</b> + 47 22 96 45 35
<b>E-MAIL:</b>	Karina.smith@veths.no	
<b>WEBSITE:</b>	<a href="http://oslovet.veths.no/norina/">http://oslovet.veths.no/norina/</a>	
<b>TITLE:</b>	<b><i>NORINA: A NORWEGIAN INVENTORY OF AUDIOVISUALS</i></b>	
<b>EDITORS:</b>	Karina Smith, Adrian Smith	
<b>PUB. DATA:</b>	The first version was made available in May 1993.	
<b>DESCRIPTION:</b>	As of November 10, 1997, the database is only available through the website	
<b>LANGUAGE:</b>	English	
<b>AVAILABILITY:</b>	Free of charge through the website to anyone.	
<b>AUDIENCE:</b>	Teachers and professors who are looking for materials to use for students from elementary school through college to University.	
<b>CONTENTS:</b>	The database is a set of over 3600 entries describing audiovisual aids of all categories that could possibly be used as alternatives or supplements to the use of animals in teaching at all levels. There is also information on suppliers and producers. The online database is updated on a monthly basis.	
<b>CONTACT:</b>	Karina Smith at the above address	

- SPONSOR:** **PREX ON-LINE INFORMATION SERVICE**
- ADDRESS:** The Department of Laboratory Animal Science/PREX  
Faculty of Veterinary Medicine  
Utrecht University  
P.O Box 80.166  
NL-3508 TD Utrecht, The Netherlands
- TELEPHONE:** + 31 30 253 3158 **FAX:** + 31 30 253 6747
- E-MAIL:** [prex@dgkp.pdk.dgk.ruu.nl](mailto:prex@dgkp.pdk.dgk.ruu.nl)
- WEBSITE:** <http://dgkp.pdk.dgk.ruu.nl>
- TITLE:** ***PREX ONLINE INFORMATION SERVICE***
- DESCRIPTION:** An on-line service that originates from both multiple databases on CD-ROM and topic-specific institutional databases. System requirements: IBM/XT/AT or 100% compatible computer; a hard disk and a diskette unit; DOS version 4.0 or higher; and either a Hayes Compatible modem of 2400 or 9600 bps; a network card for Internet; or a connection using NFS (RUU only).
- LANGUAGE:** English
- AVAILABILITY:** The database is available to members only. The annual subscription runs January to December and costs 1.6000 Dutch guilders/\$360.00 U.S.
- AUDIENCE:** The brochure, describing the database, states that membership is required, but there is no apparent requirement for membership other than payment of dues.
- CONTENTS:** The system is made up of a number of databases: *Medline* (1984-present), *CAB/vet* (from CAB International), *Disvet* (titles of vet dissertations from EuroScience), *Merkvet* a (full text of the Merk Veterinary Manual--7th edition), *Laslit* (references from lab animal science journals), *T-base* (a transgenic animal database), *Books* (contents of relevant

books), *Alternat* (references to alternative for research, testing and education), *Bioval* (biological reference data), *Norina* (audiovisuals for alternatives), *Strains & InbrList* (international list of lab animal strains, and availability), *Dissert* (dissertations on lab animal science).

**NOTE:**

The system is an initiative of both the Department of Laboratory Animals Science of the University of Utrecht and supported by the Dutch Ministry of Education and Science.

**CONTACT:**

Dr. J.D. Kuiper at the University of Utrecht  
Telephone: + 31-30-53-15-83



**SPONSOR:** WELCH LABORATORY FOR APPLIED BIOINFORMATICS

**ADDRESS:** The Johns Hopkins University School of Medicine  
2024 E. Monument Street  
Baltimore, MD 21205-2100, USA

**TELEPHONE:** 410-614-3226 **FAX:** 410-614-0434

**E-MAIL:** anna@gdb.org  
danj@gdb.org

**WEBSITE:** <http://www.gdb.org/Dan/tbase/tbase.html>

**TITLE:** ***TBASE; THE TRANSGENIC/TARGETED MUTATION DATABASE***

**CONTENTS:** Each uniquely characterizable animal line is entered as an individual record. Standardized nomenclature is used for naming lines produced by transgenic or targeted mutation methods adopted from the international guidelines for gene nomenclature. Individual labs and researchers submit information about their lines of transgenic or targeted mutant animals.

**NOTE:** Since development of the technology to manipulate the germline of animals, a large number of transgenic animals have been produced worldwide for use in both basic and applied research. Additionally, development of gene targeting protocols involving homologous recombination in mouse embryonic stem cells has resulted in a considerable number of mutant lines with specific phenotypes and well-defined DNA structural changes. TBASE is an attempt to organize information on transgenic animals and targeted mutations generated and analyzed worldwide. Internal search engines exist for both the database and its citations.

- SPONSOR:** ZENTRALSTELLE ZUR ERFASSUNG UND BEWERTUNG VON ERSATZ UND ERGANZUNGSMETHODEN ZUM TIERVERSUCH (ZEBET) [CENTER FOR DOCUMENTATION AND EVALUATION OF ALTERNATIVE METHODS TO ANIMAL EXPERIMENTS]
- ADDRESS:** Diedersdorfer Weg 1.  
D-12277 Berlin, Germany
- TELEPHONE:** + 49 30 8412 2271 **FAX:** + 49 30 8412 2958
- E-MAIL:** ZEBET@bgvv.de
- TITLE:** *ZEBET DATABANK AND INFORMATION SERVICE ON ALTERNATIVE METHODS TO ANIMAL EXPERIMENTS*
- EDITORS:** Horst Spielmann, Barbara Grune, Antje Dorendahl, Susanne Skolik
- PUB. DATA:** The Center was established in 1989.
- EDITION:** Fifth version
- DESCRIPTION:** Information Retrieval System Program: LARS2.31 Windows version in a Novell - Network LAN.
- LANGUAGE:** German
- AVAILABILITY:** This is an in-house database. Currently, requests for information are directed to the Center's staff. The Center is exploring the feasibility of offering the database to the public through DIMDI.
- AUDIENCE:** Federal departments, federal authorities, local committees, animal welfare officers, scientists, research institutions, universities, manufacturing industry, animal welfare organizations, the interested public, and journalists.
- CONTENTS:** The ZEBET data bank contains documents on alternatives to the use of experimental animals, as presented in the international

scientific literature. Each record contains a short description of a method in its most important details, i.e. aim, principle, and the stage of development or validation of the method and bibliographic references. An evaluation by ZEBET staff indicates whether the method results in the replacement, reduction or refinement of animal use according to the "3R's." Information is available on over 300 methods from the following subjects: pharmacology, toxicology, bacteriology, virology, food hygiene, parasitology, immunology, neurology, cancer research and animal production. The database contains a total of 4300 bibliographical references. Lists of methods, keywords and sources of literature are available.

## REFERENCES:

1. Horst Spielmann, Barbara Grune-Wolff, Sigrid Ewe, Susanne Skolik, Manfred Liebsch, Dieter Traue, Joachim Heuer (1992): "ZEBET's databank and information service on alternatives to the use of experimental animals in Germany." *ATLA* 20, 362-367.
2. Barbara Grune-Wolff (1993): Aufgaben der Zentralstelle zur Erfassung und Bewertung von Ersatz- und Ergänzungsmethoden zum Tierversuch (ZEBET) im Institut für Veterinärmedizin des Bundesgesundheitsamtes Berlin. *Deutsch Tierärztl. Wschr.* 100, 52-54, Heft 2.
3. Horst Spielmann, Barbara Grune-Wolff, Manfred Liebsch (1994) ZEBET: "Three Years of the National German Center for Documentation and Evaluation of Alternatives to Animal Experiments at the Federal Health Office (BGA) in Berlin." In: Reinhardt, CA (ed.) *Alternatives to Animal Testing. New Ways in the Biomedical Sciences, Trends and Progress*. VCH, Weinheim, 75-84.
4. Barbara Grune-Wolff, Antje Dörendahl, Susanne Skolik, Horst Spielmann (1995) "Welche Unterstützung können ZEBET und DIMDI Wissenschaftlern bei der Suche nach Alternativmethoden zu Tierversuchen geben?" In: Schöffl H., Spielman H., Tritthart HA (eds.) *Ersatz- und Ergänzungsmethoden zu Tierversuchen*, Vol. 3: Forschung ohne Tierversuche. Springer Verlag, Wien, New York, 282-288.
5. Barbara Grune-Wolff, Antje Dörendahl, Susanne Skolik, Horst

Spielmann (1996) "Erfassung und Verfügbarkeit von Ersatz- und Ergänzungsmethoden bei ZEBET." *Der Tierschutzbeauftragte* 2, 94-99.

6. Barbara Grune-Wolff, Antje Dörendahl, Susanne Skolik, Horst Spielmann (1997): The ZEBET Databank and Information Service on Alternative Methods to Animal Experiments. In: L.F.M. van Zutphen and M. Balls (eds.): *Animal Alternatives, Welfare and Ethics*. p. 505-509, 1997 Elsevier Science B.V.

## NOTE:

ZEBET is a part of the Federal Institute for Health Protection of Consumers and Veterinary Medicine, Berlin. ZEBET is responsible for the documentation of alternative methods and also for validation and acceptance of alternative methods at the national and international level, e.g. by the EU and OECD.

At present, requests for information have to be in the form of enquiries to ZEBET staff. ZEBET's staff are trained in the biomedical sciences, as well as in searching strategies for open access databank. An online connection to DIMDI, the German Institut for Medical Documentation and Information, provides direct access to all important national and international biomedical databases. The available information on a particular problem in the field of alternative methods is evaluated by ZEBET's staff and given to the user, including print-outs from the ZEBET databank, and references of the search in external databases. In controversial cases, ZEBET makes an official statement to the regional authorities which may be used in a court case. In addition, ZEBET handles more general queries on alternatives from all sectors of society. In total, ZEBET has answered 947 queries from 1989 to 1996.



<b>SPONSOR:</b>	<b>ADVOCATES FOR ANIMALS</b>
<b>ADDRESS:</b>	10 Queensferry Street Edinburgh EH2 4PG, Scotland, UK
<b>TELEPHONE:</b>	+ 0131-225-6039 <b>FAX:</b> + 0131-220-6377
<b>TITLE:</b>	<b><i>ANNUAL PICTORIAL REVIEW</i></b>
<b>EDITOR:</b>	Advocates for Animals
<b>FREQUENCY:</b>	Yearly (April)
<b>DESCRIPTION:</b>	An A5 color booklet of approximately 70 pages.
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Available from the organization.
<b>AUDIENCE:</b>	Those interested in animal welfare issues.
<b>CONTENTS:</b>	Contains a review of the activities of the organization and the major international developments in animal protection.
<b>CONTACT:</b>	Les Ward, Director

<b>SPONSOR:</b>	<b>ADVOCATES FOR ANIMALS</b>
<b>ADDRESS:</b>	10 Queensferry Street Edinburgh EH2 4PG, Scotland, UK
<b>TELEPHONE:</b>	+ 0131-225-6039 <b>FAX:</b> + 0131-220-6377
<b>TITLE:</b>	There are various brochures in an unnamed series.
<b>EDITOR:</b>	Advocates for Animals
<b>PUB. DATA:</b>	The dates vary
<b>DESCRIPTION:</b>	A5 leaflets/brochures of 1-10 pages
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Available from the organization.
<b>AUDIENCE:</b>	Those interested in animal welfare issues.
<b>CONTENTS:</b>	In-depth analyses and facts regarding animal protection issues including: a brochure about the organization, using animals in medical and non-medical research, replacement techniques, ethics of experimentation, testing for beauty products, effects of wars on animals, blood sports, factory farming, fur trade, slaughter and religious aspects.
<b>CONTACT:</b>	Les Ward, Director



- SPONSOR:** ANIMAL WELFARE INFORMATION CENTER (AWIC),  
NATIONAL AGRICULTURAL LIBRARY (NAL), AGRICULTURAL  
RESEARCH SERVICE (ARS),  
U.S. DEPARTMENT OF AGRICULTURE (USDA)
- ADDRESS:** National Agricultural Library  
10301 Baltimore Ave., 5th Fl.  
Beltsville, MD 20705, USA
- TELEPHONE:** 301-504-6212      **FAX:** 301-504-7125
- E-MAIL:** awic@nal.usda.gov
- WEBSITE:** <http://www.nal.usda.gov/awic>
- PUB. DATA:** The Center produces a variety of publications about animal care and use, including: *Quick Bibliography Series (QB)* that are topical, bibliographic citation downloads from the AGRICOLA database; *Special Reference Brief (SRB)* that are reviews of important literature and are reviewed by an expert in the topic; *Fact Sheets* which are informational/instructional. AWIC has provided support for a variety of other documents e.g. manuals, videotapes, slide programs, and conference proceedings, *AWIC Resource Guides* are bibliographies compiled from multiple sources and are comprehensive in coverage. (All are available from the NAL collection and most available on the web)
- DESCRIPTION:** Print versions are in 8 ½" by 11" format. Many documents are available in ASCII or WordPerfect. Videotapes are in VHS or U-matic format. Slides are 35MM.
- LANGUAGE:** English
- AVAILABILITY:** Current paper publications are available free on a first come first serve basis. Older paper items and other materials are available on interlibrary loan.
- AUDIENCE:** The publication is mainly of interest to researchers, scientists and others interested or involved with the use of animals in

research, testing and teaching. Some articles may be useful to the zoo community.

**CONTENTS:**

Subjects include: alternative animal models, non-animal models, humane care, euthanasia, animal welfare legislation, toxicity testing, ethical issues, etc.

**NOTE:**

Many documents are available in full text, electronic format from the NETVET gopher site at Washington University. The address is "netvet.wustl.edu". Locate AWIC publications in the Animal Welfare Information Center subfile. Also available on World Wide Web at <http://netvet.wustl.edu/awic.htm>.

**CONTACT:**

Jean A. Larson, Coordinator. E-mail address: [jl Larson@nal.usda.gov](mailto:jl Larson@nal.usda.gov)

**SPONSOR:** AUSTRALIAN AND NEW ZEALAND COUNCIL FOR THE CARE  
OF ANIMALS IN RESEARCH AND TEACHING, LIMITED  
(ANZCCART)

**ADDRESS:** P.O. Box 19                      P.O. Box 598  
Glen Osmond SA      Wellington  
Australia 5064                      New Zealand

**TELEPHONE:** A.C.N. 06 33 83 522

**E-MAIL:** anzccart@waite.adelaide.edu.au

**WEBSITE:** <http://adelaide.edu.au/ANZCCART/>

**TITLE:** There is no specific series title for these publications.

**PUB. DATA :** Those currently available date from 1993

**DESCRIPTION:** Various types of formats

**LANGUAGE:** English

**AVAILABILITY:** An order form is available on the ANZCCART website  
homepage that lists current titles and costs. Publication costs  
may be charged via credit card, check or money order made  
out to ANZCCART. Available in full text from the web page.

**CONTENTS:** Scientific information on euthanasia, conference proceedings  
on effective animal care and use committees and improved  
well being for animals in research, a survey of lab animals and  
tumor cell lines in Australia, and publications on the care and  
use of animals in research and animal pain.

**CONTACT:** Dr. R.M. Baker, Executive Officer, ANZCCART  
P.O. Box 19, Glen Osmond, SA 5064, Australia  
TEL: 61-8-8303-7393      FAX: 61-8-8303-7113

- SPONSOR:** ASSOCIATION OF VETERINARIANS FOR ANIMAL RIGHTS
- ADDRESS:** Nedum Buyukmihci, V.M.D  
Association of Veterinarians for Animal Rights  
P.O. Box 6269  
Vacaville, CA 95696-6269, USA
- TITLE:** *VETERINARY MEDICAL EDUCATION: ALTERNATIVES TO THE HARMFUL USE OF NONHUMAN ANIMALS*
- PUB. DATA:** None given
- LANGUAGE:** English
- AVAILABILITY:** Available from the Association
- AUDIENCE:** Mostly educators
- CONTENTS:** The publication contains citation for books, journal articles, computer programs, clinical programs, and information about other resources actively used in life sciences education. Coverage is from elementary school level through specialty residencies in human and veterinary medicine.
- NOTE:** The listing evolved into an electronic database which is available from the Association under the title *Alternatives in Education (Alt-Ed)*.

**SPONSOR:** CANADIAN COUNCIL ON ANIMAL CARE (CCAC)

**ADDRESS:** 315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1

**TELEPHONE:** 613 238 4031 **FAX:** 613 238 2837

**E-MAIL:** lroach@bart.ccac.ca

**TITLE:** *APPROACHES TO THE DESIGN AND DEVELOPMENT OF  
COST-EFFECTIVE LABORATORY ANIMAL FACILITIES*

**EDITORS:** Canadian Council on Animal Care (CCAC)

**PUB. DATA:** June 1993

**DESCRIPTION:** Velo bound, clear plastic cover, blue front sheet, 274 pgs & appendixes.

**LANGUAGE:** English

**AVAILABILITY:** Available from CCAC for a cost: CAN\$35.00 (plus postage) or US\$15.00 (includes postage). Pre-payment required.

**AUDIENCE:** Lab designers, architects, managers of animal facilities.

**CONTENTS:** Proceedings from a workshop covering necessities and design aspects of laboratory animal facilities using cost-effective measures.

**CONTACT:** Dr. Gilly Griffin  
Information Officer  
315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1



- SPONSOR:** CANADIAN COUNCIL ON ANIMAL CARE (CCAC)
- ADDRESS:** 315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1
- TELEPHONE:** 613-238-4031 **FAX:** 613-238-2837
- E-MAIL:** lroach@bart.ccac.ca
- TITLE:** Proceedings of a 1994 national and four regional workshops on the topic of animal care and use committees
- EDITORS:** Canadian Council on Animal Care
- PUB. DATA:** 1994
- DESCRIPTION:** Velo bound, clear plastic cover, blue front sheet.
- LANGUAGE:** English
- AVAILABILITY:** Available from the Council at a cost: CAN\$8.00 to \$15.00.
- AUDIENCE:** Animal Care Committees
- CONTENTS:** Proceedings from a large national workshop and regional ones are on animal care committees roles and responsibilities. Covers scientific merit assessment, ACC composition, keynote speaker, alternatives and protocol review. The proceedings of the Quebec workshop is in French.
- NOTE:** There is also a proceeding published in 1992 on this topic *"Animal Care Committees: Role and Responsibilities."*
- CONTACT:** Dr. Gillis Griffin  
Information Officer  
Canadian Council on Animal Care  
315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1



**SPONSOR:** CANADIAN COUNCIL ON ANIMAL CARE (CCAC)

**ADDRESS:** 315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1

**TELEPHONE:** 613-238-4031 **FAX:** 613-238-2837

**E-MAIL:** lroach@bart.ccac.ca

**TITLE:** *CRISIS MANAGEMENT PROGRAM*

**EDITORS:** James Wong, DVM & Gilles Demers, DVM, MSC

**PUB. DATA:** June 14, 1995

**DESCRIPTION:** Velo bound, clear plastic cover

**LANGUAGE:** English

**AVAILABILITY:** Available from the Council for a cost: CAN\$10.00 or  
US\$10.00  
Pre-payment required.

**AUDIENCE:** Animal health care technicians and animal researchers

**CONTENTS:** Overheads, slides and articles describing crisis procedures.  
Bomb threats and safety.

**CONTACT:** Dr. Gilly Griffin  
Information Officer  
Canadian Council on Animal Care  
315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1

- SPONSOR:** CANADIAN COUNCIL ON ANIMAL CARE (CCAC)
- ADDRESS:** 315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1
- TELEPHONE:** 613-238-4031 **FAX:** 613-238-2837
- E-MAIL:** lroach@bart.ccac.ca
- TITLE:** *GUIDE TO THE CARE AND USE OF EXPERIMENTAL ANIMALS*
- EDITORS:** E. D. Olfert, B. M. Cross, A. A. McWilliam
- PUB. DATA:** Volume 1 is available in the 2nd edition which was publicized in 1993. ISBN: 0-919087-18-3. Volume 2 was published in 1984. ISBN: 0-919087-08-6.
- DESCRIPTION:** A two-volume set in 8 ½" by 11", soft cover volumes. Contains graphs.
- LANGUAGE:** English & French
- AVAILABILITY:** Available from the Council. Pre-payment required.  
CAN\$33.00 (plus postage) or US\$32.00 (includes postage)
- AUDIENCE:** The Guidelines are designed for those who use animals in research, testing, and education in Canada.
- CONTENTS:** Volume 1 covers a wide variety of topics regarding adequate animal care--responsibilities of the user, adequate facilities, care, social and behavioral requirements, pain control, euthanasia, etc. Volume 2 "deals with the care and use of representative classes of animals." The groups covered include: fish, amphibians, reptiles, pigeons and doves, waterfowl, bats, cats, dogs, ferrets, foxes, mink, guinea pigs, Mongolian gerbils, hamsters, rabbits, marine mammals, miniature swine, non-human primates, laboratory rats, and some less used species.

**CONTACT:**

Lori Matthews: lmatthews@bart.ccac.ca or Gilly Griffin:  
ggriffin@bart.ccac.ca  
315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1

- SPONSOR:** EURONICHE
- ADDRESS:** C/O Nick Jukes  
11 Beckingham Road  
Leicester LE2 1HB, England, UK
- TELEPHONE/FAX:** + 44 53 35 53 223
- TITLE:** *UBER LEICHEN ZUM EXAMEN TIERVERSUCHE IM STUDIUM*
- AUTHORS:** T. Rieg, B. Vollon, A. Feddersen
- EDITOR:** T. Verlag
- PUB. DATA:** Bundesverband Satis e.V. of Stuttgart, Germany. 1993.
- DESCRIPTION:** A paperback
- LANGUAGE:** German, with short abstracts in English.
- AVAILABILITY:** Can be purchased from the publisher.
- AUDIENCE:** For anyone interested in the issues of animal experiments in the classroom.
- CONTENTS:** The book contains a concise description of the situation on the different university campuses regarding animal use. Topics covered include ethics, alternatives, and objecting against animal experiments. It can be used as a discussion workbook.

- SPONSOR:** EURONICHE
- ADDRESS:** C/O Nick Jukes  
11 Beckingham Road  
Leicester LE2 1HB, England, UK
- TELEPHONE/FAX:** + 44 53 35 53 223
- TITLE:** *EURONICHE CONFERENCE PROCEEDINGS*
- PUB. DATA:** Three have been published--April 1989, October 1990 and September 1993.
- DESCRIPTION:** The first proceedings is a hard cover book, the other two are paperbacks.
- LANGUAGE:** English
- AVAILABILITY:** Can be purchased from the organization.
- AUDIENCE:** Students and other interested persons.
- CONTENTS:** #1 Contains all the papers of the lectures and workshops. The topics include an overview of animal use in Europe, animal awareness, cross-cultural differences, alternatives and attitudes to animal use in education.
- #2 A discussion of the current animal welfare/use in different countries, scientific antivivisection issues.
- #3 Papers on the current animal welfare/use situation in different countries and on alternatives.

- SPONSOR:** EUROPEAN CENTRE FOR ECOTOXICOLOGY AND TOXICOLOGY OF CHEMICALS (ECETOC)
- ADDRESS:** 4 Avenue E. Van Nieuwenhuyse  
(Bte 6), B-1160 Brussels, Belgium
- TITLE:** *SKIN IRRITATION AND CORROSION: REFERENCE CHEMICALS DATA BANK*
- EDITOR:** D. A. Stringer
- PUB. DATA:** March 1995. Series: ECETOC Technical Report; ISSN 0773-8072; No. 66
- DESCRIPTION:** I, 247 p.
- LANGUAGE:** English
- AVAILABILITY:** On request from European Centre for Ecotoxicology and Toxicology of Chemical (ECETOC)
- CONTENTS:** Skin irritation data for individual rabbits by chemical.
- NOTE:** ECETOC earlier published comprehensive listing of in vivo rabbit eye irritation data for 55 readily-available chemicals of high purity. The establishment of such a data bank allows investigators of in vitro or alternative methods to evaluate their own techniques without the need to carry out in vivo testing of the reference chemicals.
- This companion databank was developed for 176 chemicals for which comprehensive rabbit skin irritation/corrosion data are available. No new in vivo testing has been carried out to qualify a chemical for inclusion in this list. The 176 chemicals selected are readily available at high and consistent purity and are expected to be stable on storage. They have been tested undiluted in in vivo studies, excepting those chemicals where high concentrations of the substance could be expected to cause severe effects. The in vivo data have been generated



since 1981 in studies carried out according to OECD Test Guideline 404 and following the principles of Good Laboratory Practice. The data presented were obtained from tests normally using at least three rabbits, involving application of 0.5 ml or (0.5 mg) to the flank under semi-occlusive patches and in which observations were made at least 24, 48 and 72 hours after application.

The chemicals represent a range of chemical classes (acids, acrylates/methacrylates, alcohols, aldehydes, alkalis, amides, amines, brominated derivatives, chlorinated solvents, esters, ethers, fatty acids and mixtures, fragrance oils, halogenated aromatics, hydrocarbons (unsaturated), inorganics, ketones, nitriles, phenolic derivatives, S-containing compounds, soaps/surfactants, triglycerides) and different degrees of irritancy. The chemicals are ranked for skin irritation potential on the basis of a 'primary irritation index.' They should be of use in validation tests of promising alternatives to the in vivo rabbit skin irritation/corrosion test. This is an essential step in the progression to regulatory acceptance.

Classification schemes for chemicals on the basis of their skin irritation/corrosion properties are appended to the report.

**CONTACT:**

D. A. Stringer

- SPONSOR:** FUND FOR THE REPLACEMENT OF ANIMALS IN MEDICAL EXPERIMENTS (FRAME)
- ADDRESS:** Russell & Burch House  
96-98 North Sherwood Street  
Nottingham, NG1 4EE, England, UK
- TELEPHONE:** + 01 15 95 84 740 **FAX:** + 01 15 95 03 570
- TITLE:** *ATLA (Alternatives to Laboratory Animals)*
- EDITOR:** Michael Balls
- FREQUENCY:** 6 issues per year
- DESCRIPTION:** 7" by 10 ½" paper with photographs, graphs, charts, graphics. ISSN:0261 1929.
- LANGUAGE:** English
- AVAILABILITY:** Available on subscription at £65/\$130 per year. Subscriptions start on the calendar year. Airmail distribution is available for an extra cost. In exceptional cases, applications to receive *ATLA* free of charge will be considered.
- AUDIENCE:** Academic and industrial scientists, and students.
- CONTENTS:** A scientific journal on alternatives to the use of animals in biomedical research and toxicity testing. It includes original research papers, news and views, conference reports, comments, book reviews, and a subject and author index.
- CONTACT:** Lynda Warrington

<b>SPONSOR:</b>	<b>HADWEN TRUST FOR HUMANE RESEARCH</b>
<b>ADDRESS:</b>	22 Bancroft Hitchin, Hertfordshire, SG5 1JW, England, UK
<b>TELEPHONE:</b>	+ 44 14 62 43 68 19
<b>WEBSITE:</b>	<a href="http://envirolink.org/and/DdrHt/index.html">http://envirolink.org/and/DdrHt/index.html</a>
<b>TITLE:</b>	<b><i>DR. HADWEN TRUST FACTSHEETS</i></b>
<b>PUB. DATA:</b>	1995/96
<b>DESCRIPTION:</b>	Set of 7 single sheets
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Free to any requestor. In full text on the website.
<b>AUDIENCE:</b>	Laypersons, members of the public.
<b>CONTENTS:</b>	Subjects are alternatives such as cell cultures, microorganisms, human studies, education, body scanners, computers and xenotransplants.
<b>CONTACTS:</b>	Carol Newman, Scientific Assistant
<b>NOTE:</b>	Fact sheets are available on the World Wide Web.

- SPONSOR:** **ISTITUTO NAZIONALE PER LA RICERCA SUL CANCRO (IST)**  
**[NATIONAL INSTITUTE FOR CANCER RESEARCH]**
- ADDRESS:** Istituto di Diritto Pubblico  
L.go Rosanna Benzi, 10  
16132 Genova, Italy
- TELEPHONE:** + 010 5600 1      **FAX:** + 010 5600022 / 358032
- E-MAIL:** admin@hp380.ist.unige.it
- WEBSITE:** <http://www.ist.unige.it/>
- TITLE:** ***HUMAN AND ANIMAL CELL LINES CATALOGUE 1993***
- EDITORS:** B. Parodi, O. Aresu, A. Manniello, and P. Romano.
- PUB. DATA:** June 1993
- EDITION:** 2nd
- DESCRIPTION:** Printed volume of 456 pages
- LANGUAGE:** English
- AVAILABILITY:** Can be purchased from the organization. Order from the Biotechnology Department, Interlab Project, Advanced Biotechnology Center, Viale Benedetto XV 10, 16132, Genoa, Italy. Tel.: 010-57-37-282. Fax: 010-57-37-295. ITL 37.000/\$24.00 plus postage. Available at "gopher.ist.unige.it"
- AUDIENCE:** Public and private researchers in biomedical research fields.
- CONTENTS:** Detailed description on human and animal cell lines available in many European culture collections and research laboratories. Indexed by tumor and species, species and tissue etc. Short references include source data and a brief description of the culture collection activities.
- REFERENCES:** Cytotechnology. Vol. 11, Suppl 1, p. 130-133 (1993)

- SPONSOR:** JAPANESE SOCIETY OF ALTERNATIVES TO ANIMAL EXPERIMENTS
- ADDRESS:** C/O Department of Laboratory Animal Science, Azabu University 1-17-71 Fuchinobe Sagamihara 229, Japan
- TELEPHONE:** + 81 427 53 1390      **FAX:** + 81 427 53 1390
- TITLE:** *AATEX: ALTERNATIVES TO ANIMAL TESTING AND EXPERIMENTS*
- EDITOR:** Tadao Ohno (Head of Riken Cell Bank, Riken Gene Bank)
- PUB. DATA:** 4 issues per year. Volume 2 in 1994.
- LANGUAGE:** English
- AVAILABILITY:** The journal is sent to all the members of the Society. The domestic, yearly membership fee is 5,000 Japanese yen and an overseas membership is U.S. \$100. Back issues may also be available.
- CONTENTS:** The contents includes journal articles on alternatives in scientific experimentation and safety testing.

<b>SPONSOR:</b>	<b>THE JOHNS HOPKINS CENTER FOR ALTERNATIVES TO ANIMAL TESTING (CAAT)</b>
<b>ADDRESS:</b>	Johns Hopkins School of Public Health 111 Market Place, Suite 840 Baltimore, MD 21202-6709, USA
<b>TELEPHONE:</b>	410-223-1693
<b>E-MAIL:</b>	CAAT@CAAT.spharbor.jhu
<b>TITLE:</b>	<b><i>ALTERNATIVE METHODS IN TOXICOLOGY</i></b> (Includes various secondary titles.)
<b>EDITOR:</b>	A.M. Goldberg
<b>PUBLISHER:</b>	Mary Ann Liebert, Inc., New York
<b>PUB. DATA:</b>	From 1983 to the present
<b>FREQUENCY:</b>	Every one to two years
<b>DESCRIPTION:</b>	Printed hard cover books
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Through the publisher
<b>AUDIENCE:</b>	Scientists and the public
<b>CONTENTS:</b>	The 11 volumes published in this series to date include the following topics: product safety evaluation, toxicity testing, various aspects of toxicology, eye irritation testing, validation approaches, mechanism and new technologies, and other symposia proceedings.
<b>CONTACT:</b>	Lisa Libowitz, Web Editor



<b>SPONSOR:</b>	<b>THE JOHNS HOPKINS CENTER FOR ALTERNATIVES TO ANIMAL TESTING (CAAT)</b>
<b>ADDRESS:</b>	Johns Hopkins School of Public Health 111 Market Place, Suite 840 Baltimore, MD 21202-6709, USA
<b>TELEPHONE:</b>	410-223-1693
<b>E-MAIL:</b>	CAAT@CAAT.spharbor.jhu.edu
<b>TITLE:</b>	<b><i>TECHNICAL REPORT</i></b> ( Includes various secondary titles.)
<b>EDITOR:</b>	CAAT
<b>PUB. DATA:</b>	From 1989 to the present
<b>FREQUENCY:</b>	About every year
<b>DESCRIPTION:</b>	Soft cover books
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Through the Center. Request a listing and order form.
<b>AUDIENCE:</b>	Scientists and the public
<b>CONTENTS:</b>	The seven volumes published in this series to date include the following topics: technical problems in <i>in vitro</i> testing systems, extrapolation for risk assessment, international status of <i>in vitro</i> methods, reports of CAAT grantees, <i>in vitro</i> toxicology systems, alternatives to lab animals, and predictive relationships in toxicology.
<b>CONTACT:</b>	Lisa Libowitz, Web Editor

- SPONSOR:** NATIONAL LIBRARY OF MEDICINE (NLM)
- ADDRESS:** 8600 Rockville Pike  
Bethesda, MD 20894, USA
- TELEPHONE:** 301-496-6308 (public information) 1-800-272-4787 (health professional inquiries).
- WEBSITE:** Specialized Information Services (SIS) server:  
<http://sis.nlm.nih.gov>
- TITLE:** *ALTERNATIVES TO THE USE OF LIVE VERTEBRATES IN BIOMEDICAL RESEARCH AND TESTING--AN ANNOTATED BIBLIOGRAPHY*
- EDITORS:** Vera W. Hudson, Scientific Editor
- FREQUENCY:** Irregular
- DESCRIPTION:** Paper, double sided, photocopied, 8 ½" by 11", number of pages per issue varies.
- LANGUAGE:** English
- AVAILABILITY:** Available on request at no cost and on the web. To subscribe contact the following: National Library of Medicine, Specialized Information Services, Building 38A, 8600 Rockville Pike, Bethesda, MD 20894.
- AUDIENCE:** Biomedical scientists
- CONTENTS:** A bibliography featuring citations which contain information on methods, tests, assays, or procedures that may be useful to researchers trying to establish alternatives to intact vertebrates. Citations are selected from on-line bibliographic databases of the National Library of Medicine (NLM).
- CONTACT:** Vera Hudson TEL: 301-496-1131. Fax: 301-480-3537.  
[Vera\\_Hudson@occhost.nlm.nih.gov](mailto:Vera_Hudson@occhost.nlm.nih.gov)

<b>SPONSOR:</b>	<b>NATIONAL LIBRARY OF MEDICINE (NLM)</b>
<b>ADDRESS:</b>	8600 Rockville Pike Bethesda, MD 20894, USA
<b>TELEPHONE:</b>	301-496-6308 (general information), 1-800-272-4787 (reference questions).
<b>E-MAIL:</b>	publicinfo@nlm.nih.gov
<b>WEBSITE:</b>	<a href="http://www.nlm.nih.gov">http://www.nlm.nih.gov</a>
<b>TITLE:</b>	<b><i>NATIONAL LIBRARY OF MEDICINE FACT SHEET</i></b>
<b>FREQUENCY:</b>	Irregularly published
<b>DESCRIPTION:</b>	Usually a single sheet, printed on both sides of 8 ½" by 11" white paper.
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Available on request and on the web. Distributed at conferences and meetings.
<b>AUDIENCE:</b>	A wide variety of people--researchers, regulatory authorities, the public and information providers.
<b>CONTENTS:</b>	A wide variety of topics such as print and electronic products, services and how to access information from NLM and medical resources.

- SPONSOR:** THE PROGRAMME OF BIOTECHNOLOGY OF THE EUROPEAN COMMISSION
- ADDRESS:** European Commission  
Prof. H. Bazin/Dr. L. Matthiessen  
DG XII-Biotechnology  
SDME 2/4  
Rue de la Loi, 200  
B-1049 Brussels, Belgium
- TELEPHONE:** 32-2-296-57-74/295-03-61 exchange 299-11-11  
**FAX:** 32-2-296-57-74/295-53-65
- TITLE:** ***EUROPEAN LABORATORY WITHOUT WALLS*** (series title)  
Currently there are eight booklets on different topics with unique titles.
- DESCRIPTION:** Booklets 8" by 6" of various lengths. Color photographs, tables, charts, and graphics are included.
- LANGUAGE:** English
- AVAILABILITY:** A listing of the current titles is available. The publications are available at no cost. (Direct any inquiries to H. Bazin or L. Matthiessen as listed above.)
- CONTENTS:** The booklets describe research activities in *in vitro* alternatives to animal experiments in pharmacotoxicology. The research is supported by the Commission of the European Communities. The specific topics addressed are: gap junctional intercellular communication and screening of tumor promoters; development of immortalized human articular cartilage cell lines and of human endothelial cell lines, *in vitro* integrated approach to skin pharmacotoxicology, use of neural primary cultures and cell lines, nephrotoxicity of biotech derived polypeptides in human and animal renal cell lines using molecular and cellular biology techniques.

<b>SPONSOR:</b>	<b>PSYeta</b>
<b>ADDRESS:</b>	P.O. Box 1297 Washington Grove, MD 20880, USA
<b>TELEPHONE/FAX:</b>	301-963-4751
<b>E-MAIL:</b>	kshapiro@capaccess.org
<b>WEBSITE:</b>	<a href="http://www.psyeta.org">http://www.psyeta.org</a>
<b>TITLE:</b>	<b><i>JOURNAL OF APPLIED ANIMAL WELFARE SCIENCE (JAAWS)</i></b>
<b>EDITOR:</b>	Kenneth Shapiro and Steve Zawistowski
<b>PUB. DATA:</b>	Quarterly. Vol. # 1 (3) 1998
<b>DESCRIPTION:</b>	6" x 9" paper, 100 pages
<b>LANGUAGE:</b>	English
<b>AVAILABILITY:</b>	Subscription only. Website contains contents and abstracts of the journal.
<b>AUDIENCE:</b>	Scientific community, animal protection community.
<b>CONTENT:</b>	Journal will publish reports and articles on methods of experimentation, husbandry, and care that demonstrably enhance the welfare of animals on farms, in laboratories, as companions, and in the wild.
<b>NOTE:</b>	This publication replaces Humane Innovations and Alternatives which ceased publication with Vol. # 8 in 1994. JAAWS is a joint project of The American Society for the Prevention of Cruelty to Animals (ASPCA) and Psychologists for the Ethical Treatment of Animals (PSYeta).



<b>SPONSOR:</b>	<b>SCIENTISTS CENTER FOR ANIMAL WELFARE (SCAW)</b>	
<b>ADDRESS:</b>	Golden Triangle Building One 7833 Walker Drive, Suite 340 Greenbelt, MD 20770 USA	
<b>TELEPHONE:</b>	301-345-3500	<b>FAX:</b> 301-345-3503
<b>WEBSITE:</b>	scaw@erols.com	
<b>TITLE:</b>	Miscellaneous types of publications that are not in any series title. Types of publications include conference proceedings, bibliographies, and papers.	
<b>EDITORS:</b>	Editors are various	
<b>PUB. DATA:</b>	Publications date back to 1987. They are published on an irregular basis.	
<b>DESCRIPTION:</b>	Usually printed in soft cover in 8 ½" by 11"	
<b>LANGUAGE:</b>	English	
<b>AVAILABILITY:</b>	Recent volumes are available for purchase from SCAW. Prices vary. Contact SCAW for a current listing.	
<b>AUDIENCE:</b>	The publications are of interest to researchers, members of animal care and use committees, research administrators, veterinarians, animal technicians, and others interested in animal based research issues.	
<b>CONTENTS:</b>	Most of the publications contain papers delivered at conferences that were sponsored by SCAW and other collaborating organizations. Some currently available titles include: <i>Genetic Engineering and Animal Welfare: Preparing for the 21st Century</i> (1997); <i>The well-being of Animals in Zoo and Aquarium Sponsored Research</i> (1996); <i>The Human/Research Animal Relationship</i> (1996); <i>Current Issues and New Frontiers in Animal Research</i> (1995); <i>Wildlife</i>	



*Mammals as Research Models: In the Laboratory and Field (1995); Research Animal Anesthesia, Analgesia and Surgery (1994); Rodents and Rabbits: Current Research Issues (1994).*

**NOTE:** At this time, there is no intention to publish items through electronic networks.

**CONTACT:** Lee Krulisch, Executive Director

- SPONSOR:** TUFTS CENTER FOR ANIMALS AND PUBLIC POLICY
- ADDRESS:** 200 Westboro Rd.  
N. Grafton, MA 01536, USA
- TELEPHONE:** 508-839-7991 **FAX:** 508-839-2953
- E-MAIL:** dpease@opal.tufts.edu
- PUB. DATA:** The Center produces a variety of workshop/conference proceedings. The main animal research publication is *The Animal Research Controversy: Protest, Process and Public Policy*. The book contains one chapter on alternatives but has other chapters that are related to the topic (US\$30.00).
- DESCRIPTION:** A4 size, 210 pages, indexed
- LANGUAGE:** English
- AVAILABILITY:** Publications are available from the Tufts Center.
- AUDIENCE:** Persons (both scientists, the general public, animal protection groups, etc.) with an interest in learning about the context, central themes, and manner in which the argument of animal research is prosecuted
- CONTENTS:** History, current status, major philosophical issues, evaluation of animal research, the questions of alternatives, issues regarding pain and distress, education, animal testing, the form of the public debate, organizations and resources, and the history of the animal protection movement.
- CONTACT:** Donna Pease

- SPONSOR:** UNIVERSITY OF CALIFORNIA, CENTER FOR ANIMAL ALTERNATIVES
- ADDRESS:** School of Veterinary Medicine  
University of California at Davis  
Davis, CA. 95616-8684, USA
- TELEPHONE:** 530-752-1800      **FAX:** 530-754-8608
- E-MAIL:** mwwood@ucdavis.edu
- WEBSITE:** [http://www.vetmed.ucdavis.edu/Animal\\_Alternatives/main.htm](http://www.vetmed.ucdavis.edu/Animal_Alternatives/main.htm)
- TITLE:** *INFORMATION RESOURCES FOR ANIMAL WELFARE & ALTERNATIVES*
- EDITOR:** M.W. Wood (Phone: 530-752-9016)
- DESCRIPTION:** Individual titles in this series are printed on 8 ½" by 11" sheets at various dates; text on both sides; 4-15 pages long. Also available on the web.
- LANGUAGE:** English
- AVAILABILITY:** Available to requestors from the Center at the above address. Also available on the web.
- AUDIENCE:** Educators, professionals, college students, libraries interested in access or collection development in the area of animal welfare and alternatives in education and research, other organizations, and the public with interests in these areas.
- CONTENTS:** This series of bibliographies and resource listings covers: organizations, bibliographies, Internet resources, recommended journals, training materials, higher education, animal care and use committees, and pre-college science education.
- CONTACT:** Mary W. Wood



**SPONSOR:** ADVOCATES FOR ANIMALS

**ADDRESS:** 10 Queensferry Street  
Edinburgh EH2 4PG, England, UK

**TELEPHONE:** + 031-225-6039      **FAX:** + 031-220-6377

**TITLE:** 1. *EXPOSED.*  
2. *AN ORDINARY DAY AT THE LIVESTOCK AUCTION MARKET.*

**EDITOR:** Advocates for Animals

**PUB. DATA:** 1. April 1990  
2. November 1995

**DESCRIPTION:** A videotape in VHS format

**LANGUAGE:** English

**AVAILABILITY:** Available from the organization.

**AUDIENCE:** Those interested in animals welfare.

**CONTENTS:** 1. An undercover expose of laboratory animal abuse/use.  
2. An undercover expose of the abuse of animals at livestock auction markets.

**CONTACT:** Les Ward, Director

**SPONSOR:** CANADIAN COUNCIL ON ANIMAL CARE (CCAC)

**ADDRESS:** 315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1

**TELEPHONE:** 613-238-4031 **FAX:** 613-238-2837

**E-MAIL:** lroach@bart.ccac.ca

**TITLE:** *RESPECT WITH REASON*  
*ETHIQUE ET RAISON*

**EDITORS:** Canadian Council on Animal Care

**PUB. DATA:** 1996

**DESCRIPTION:** 15:55 min. VHS video cassette. PAL version also available

**LANGUAGE:** English & French

**AVAILABILITY:** Available from the Council for a cost: CAN\$10.00 or US\$10.00.  
Pre-payment required.

**AUDIENCE:** Anyone

**CONTENTS:** Overview of the CCAC, our mandate and function in Canadian  
Laboratory Animal Science.

**CONTACT:** Dr. Gilly Griffin  
Information Officer  
Canadian Council on Animal Care  
315-350 Albert Street  
Ottawa, Ontario, Canada K1R 1B1



- SPONSOR:** THE LORD DOWDING FUND  
(A DEPARTMENT OF THE NATIONAL ANTI-VIVISECTION SOCIETY)
- ADDRESS:** Jan Creamer  
261 Goldhawk Road  
London W12 9PE England, UK
- TELEPHONE:** 0181-846-9777 **FAX:** 0181-846-9712
- E-MAIL:** navs@cygnet.co.uk
- WEBSITE:** <http://www.cygnet.co.uk/navs>
- TITLE:** No specific series title. As of July 1994, there are 22 simulation programs available for educational purposes.
- PUB. DATA:** The series started in 1986
- DESCRIPTION:** No information provided
- LANGUAGE:** Assumed to be English
- AVAILABILITY:** Contact the organization
- AUDIENCE:** Level A students and university undergraduates.
- CONTENTS:** These are computer simulations developed by Dr. David Dewhurst to replace animal dissection and physiological oriented teaching laboratories with non-animal alternatives. Some of the simulations are on topics such as: the frog heart and skin, guinea pig ileum, intestinal absorption, muscle and nerve physiology, neuromuscular and respiratory pharmacology, Finkleman preparation, etc. The programs are accompanied by a users manual.
- NOTE:** The computer simulations were supported by grants from the Lord Dowding Fund. The fund supports a wide range of projects including biological research, human and veterinary medicine, toxicological testing and education.



- SPONSOR:** ASSOCIATION FOR ASSESSMENT AND ACCREDITATION OF  
LABORATORY ANIMAL CARE INTERNATIONAL (AAALAC)
- ADDRESS:** 11300 Rockville Pike, Suite 1211  
Rockville, MD 20852, USA
- TELEPHONE:** 1-800-926-0066 or 301-231-5353 **FAX:** 301-231-8282
- European information: Avenue de Tervueren 402  
1150 Brussels, Belgium  
**Phone:** + 32 27 61 66 78 **FAX:** + 32 27 61 66 79
- E-MAIL:** [accredit@aaalac.org](mailto:accredit@aaalac.org)
- WEBSITE:** <http://www.aaalac.org>
- TITLE:** AAALAC INTERNATIONAL
- DESCRIPTION:** It is a private nonprofit organization that promotes the humane treatment of animals in science through a voluntary accreditation program.
- LANGUAGE:** English
- AVAILABILITY:** Free of charge through the website to anyone.
- AUDIENCE:** Those interested in accrediting their research facility where programs demonstrate they not only meet the legal requirements but go further to exhibit excellence in animal care and use.
- CONTENT:** It contains news and resources for the animal care and use community.

- SPONSOR:** THE HUMANE SOCIETY OF THE UNITED STATES (HSUS)
- ADDRESS:** The HSUS  
2100 L Street, NW  
Washington, DC 2003, USA
- TELEPHONE:** 202-452-1100
- E-MAIL:** [hsuslab@ix.netcom.com](mailto:hsuslab@ix.netcom.com)
- TITLE:** HSUS ALTERNATIVES LOAN PROGRAM
- PUB. DATA:** The program began in November, 1995.
- DESCRIPTION:** A collection of materials for use in replacing classroom animal dissection and/or vivisection. Materials include CD-ROM's, computer diskettes, videotapes, 3-D models, and charts. These materials are mailed to the user free of charge for a temporary loan period. Borrowers must first complete a "borrower's contract" that includes date of return and a credit card number in case of lost or damaged materials. Return postage is paid by the borrower.
- LANGUAGE:** English
- AVAILABILITY:** Contact the HSUS for more information. We will consider sending materials anywhere overseas. The HSUS's Australian office (Humane Society International-Australia) has established a sister program of its own.
- AUDIENCE:** Students, teachers, and professors from elementary school through college.
- CONTENTS:** Materials span a broad range of education levels and emphases. Organisms covered include the human, cat, rat, pig, pigeon, frog, dogfish, shark, earthworm, crayfish, and starfish.
- NOTE:** Our materials are being updated and added to constantly. A list of currently available materials will be sent to you upon request from the above address.
- CONTACT:** Jonathan Balcombe, Ph.D., at the above address.

- Advocates for Animals . . . . . 1, 35, 36, 65
- Akademie für Tierschutz. Einrichtung des Deutschen Tierschutzbund e.V.  
zur Forschung und Lehre . . . . . 15
- Alternatives Research & Development Foundation . . . . . 2, 28
- Animal Welfare Information Center (AWIC) . . . . . 3, 37
- Association for Assessment and Accreditation of Laboratory  
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## AUSTRALIA

- Australian and New Zealand Council for the Care of Animals in Research and Teaching, Limited (ANZCCART)

## BELGIUM

- European Centre for Ecotoxicology and Toxicology of Chemicals (ECETOC)
- The Programme of Biotechnology of the European Commission

## CANADA

- Canadian Council on Animal Care (CCAC)

## FRANCE

- Ligue Française Contre la Vivisection (LFCV)

## GERMANY

- Akademie für Tierschutz. Einrichtung des Deutschen Tierschutzbundes e.V. Zur Forschung und Lehre
- Zentralstelle Zur Erfassung und Bewertung von Ersatz und Ergänzungsmethoden zum Tierversuch (ZEBET) [Center for Documentation and Evaluation of Alternative Methods to Animal Experiments]

## ITALY

- Istituto Nazionale per la Ricerca sul Cancro (IST) [National Institute for Cancer Research--Advanced Biotechnology Center]
- Laboratory of Genetic Toxicology, The University of Pisa

## JAPAN

- Japanese Society of Alternatives to Animal Experiments

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## THE NETHERLANDS

- PREX On-line Information Service

## NEW ZEALAND

- Australian and New Zealand Council for the Care of Animals in Research and Teaching, Limited (ANZCCART)

## NORWAY

- Norwegian College of Veterinary Medicine

## SPAIN

National Institute of Toxicology (Spain)

## SWEDEN

- The Scandinavian Society of Cell Toxicology (SSCT)

## UNITED KINGDOM

- Advocates for Animals
- Euroniche
- European Hepatocyte Users Group (HUG)
- Fund for the Replacement of Animals in Medical Experiments (FRAME)
- Hadwen Trust for Humane Research
- The Lord Dowding Fund (A Department of the National Anti-Vivisection Society)
- The National Anti-vivisection Society Ltd.--The Lord Dowding Fund

## UNITED STATES

- Alternatives Research & Development Foundation
- Animal Welfare Information Center (AWIC)
- Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC)
- Association of Veterinarians for Animal Rights
- The Humane Society of the United States (HSUS)
- Institute for Laboratory Animal Research (ILAR)
- The John Hopkins Center for Alternatives to Animal Testing (CAAT)
- National Library of Medicine (NLM)
- PSYeta
- Scientists Center for Animal Welfare (SCAW)
- Tufts Center for Animals and Public Policy
- University of California Center for Animal Alternatives
- Welch Laboratory for Applied Bioinformatics



The object of this questionnaire is to collect data regarding information resources that available in the animal welfare/alternatives area.

## INSTRUCTIONS REGARDING THIS FORM.

1. If you have more than one information resource product, please duplicate this form and provide the information for each.
2. Please be as specific as possible regarding critical elements such as software and hardware needs, updating, accessibility to others and costs, and whether you are interesting in cooperative activities.
3. If there are critical items that we have not addressed, please be sure and note them.

Title \_\_\_\_\_

**General subject area addressed:** (More than one subject may be checked)

- |  |   |
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| <input type="checkbox"/> Adjuvants                     | <input type="checkbox"/> Organizations  |
| <input type="checkbox"/> Alternatives                  | <input type="checkbox"/> Pain & stress and alleviation (including anesthetics, analgesics, and tranquilizers) |
| <input type="checkbox"/> Animal care/ethics committees | <input type="checkbox"/> People/experts   |
| <input type="checkbox"/> Animal welfare/well being     | <input type="checkbox"/> Reference data   |
| <input type="checkbox"/> Environmental enrichment      | <input type="checkbox"/> Research Design  |
| <input type="checkbox"/> Housing and environment       | <input type="checkbox"/> Training materials   |
| <input type="checkbox"/> Laboratory Animal Medicine    |   |

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# Questionnaire

**Edition:** [version, release, etc.]

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**Contents:** Describe the material, including criteria for inclusion or exclusion. If desired, individual files within the contents may be individually cited.

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**Who to contact for additional information if not the preceding: Please include E-mail, and/or Internet address, telephone, facsimile, etc.**







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